

AMENDMENTS TO THE CLAIMS

Claim 1 (Currently Amended) A monitoring system for monitoring predetermined monitoring points, the monitoring system comprises comprising:

a plurality of terminals for monitoring whether each predetermined monitoring point is-points are in a stationary state or a non-stationary-nonstationary state, the plurality of terminals including a remote operation terminal and a sensor terminal; and

one a central processing device for-controlling a setting/canceling operation setting and canceling-of an alarm operation-operations of each of the terminals, and including a storage unit and a display unit, wherein:

wherein the central processing device includes-has a communication unit that (i) receives stationary/non-stationary information, which is information indicating related to the stationary state or the non-stationary-stationary/nonstationary states state of each of the predetermined monitoring points, from each of the terminals and (ii) transmits predetermined information, which is information including commands, to each of the terminals;-and

each terminal of the plurality of terminals includes-has a communication unit that (i) transmits the stationary/non-stationary information-related to stationary/nonstationary states to the communication unit of the central processing device and (ii) receives the predetermined information from the communication unit of central processing device;

the remote operation terminal includes (i) a remote operation unit that transmits set/cancel information, which is information for setting or for canceling the alarm operation of a terminal of the plurality of terminals, according to an operation of a user, and (ii) a notification unit for providing an acceptance notification, which is a notification that the transmission of the set/cancel information is accepted, via at least one of a visual notification and an auditory notification, in response to a confirmation signal transmitted from the central processing device;

the central processing device transmits a set/cancel command, which is a command for setting or canceling the alarm operation of a portion of the terminals, the set/cancel command is transmitted to each of the terminals except the remote operation

terminal, when the transmission of the set/cancel information from the remote operation terminal is accepted;

the sensor terminal includes an open/closed sensor for detecting an open state and a closed state of an article, including a door or a window, and for transmitting open/closed state information, which is information indicating the open state or the closed state of the article;

the central processing device stores the open/closed state information, transmitted from the sensor terminal, in the storage unit;

when the set/cancel information for setting the alarm operation is received from the remote operation terminal and when the open/closed state information stored in the storage unit indicates the open state, then the central processing device displays that a door-lock check is abnormal on the display unit, and transmits a door-lock check abnormal signal to the remote operation terminal; and

the notification unit of the remote operation terminal notifies the user via at least one of the visual notification and the auditory notification, that the door-lock check is abnormal when the door-lock check abnormal signal is received from the central processing device.

Claim 2 (Currently Amended) The monitoring system according to claim 1, wherein ~~at least one a terminal~~ of the plurality of terminals ~~includes further has~~ a controller that receives ~~a~~ an autonomous command from the central processing device, the autonomous command being a command to autonomously start an the alarm operation, and ~~includes an-a~~ alarm unit that generates a warning if the non-stationary state occurs. ~~on occurrence of a nonstationary state.~~

Claim 3 (Currently Amended) The monitoring system according to claim 1, wherein:

~~a terminal at least one~~ of the plurality of terminals ~~further has~~ includes an emergency call unit that transmits non-stationary state information, which is information indicating a non-stationary-nonstationary state, according to ~~by~~ an operation of the-a user,

and includes a notification unit that ~~performs~~ provides a notification by at least one of a visual ~~notification method~~ and an auditory ~~method, notification; and~~

when the non-stationary state~~when receiving the information is received~~
~~indicating the nonstationary state from the emergency call unit of at least one terminal,~~
~~the, the~~ central processing device transmits ~~a the~~ confirmation signal to the terminal
including the emergency call unit, and, when receiving; and

when the confirmation signal is received from the central processing device, the terminal including the emergency call unit ~~notifies~~ provides a notification, via through the notification unit, that the transmission of the non-stationary state information ~~can be~~ is accepted.

Claim 4 (Currently Amended) The monitoring system according to claim 3, wherein ~~at least one a terminal~~ of the plurality of terminals includes; has

at least one of ~~an opening/closing the open/closed sensor for detecting an opening/closing state of an opening/closing article including a door or a window and a human body sensor for detecting the presence and absence~~ presence/absence of a human body[[,]];

~~a warning~~ warning unit[[,]]; and

a controller that receives ~~a an~~ an autonomous command from the central processing device, the autonomous command being a command to autonomously start an autonomous the alarm operation, and that generates a warning ~~through via~~ the warning unit if the non-stationary state occurs, on occurrence of a nonstationary state.

Claim 5 (Currently Amended) The monitoring system according to claim 2, wherein;

the central processing device includes ~~further has~~ an operation unit ~~that is used for setting or canceling an the~~ alarm operation[[,]]; and

the central processing device transmits a setting command, which is a command for setting the alarm operation, to the a terminal of the plurality of terminals when a predetermined time elapses after the operation unit sets the an alarm operation, setting is input by the operation unit.

Claim 6 (Currently Amended) The monitoring system according to claim 2, wherein ~~at least one~~ a terminal of the plurality of terminals ~~includes~~ has a warning unit and a storage unit that stores delay time information, ~~which is the delay time~~ information ~~used~~ for delaying a generation of a warning by the warning unit ~~by~~ for a predetermined period of time after ~~a nonstationary~~ the non-stationary state occurs.

Claim 7 (Currently Amended) The monitoring system according to claim 6, wherein the warning unit generates a normal warning after a preliminary warning is generated if the non-stationary state occurs. ~~in occurrence of a nonstationary state~~.

Claim 8 (Currently Amended) The monitoring system according to claim 7, wherein ~~the terminal has~~ a storage unit of the terminal including the storage unit is operable to store at least one of a notification time, a sound volume, and a sound type, related to at least one of the normal warning and the preliminary warning.

Claim 9 (Currently Amended) The monitoring system according to claim 8, wherein at least one of the notification time, the sound volume, and the sound type, related to at least one of the normal warning and the preliminary warning and stored in the storage unit ~~terminal~~ is instructed by the central processing device.

Claim 10 (Currently Amended) The monitoring system according to claim 4, wherein, ~~when receiving~~ when non-stationary state information is received ~~of a nonstationary state~~ from the terminal ~~having~~ including the emergency call unit, the central processing device transmits a warning command, which is a command to generate the warning for generating a warning, to ~~the other~~ another terminal of the plurality of terminals which includes ~~having another~~ a warning unit to cause the warning unit of the terminal which received the warning command ~~the other terminal~~ to generate a warning.

Claim 11 (Cancelled)

Claim 12 (Cancelled)

Claim 13 (Currently Amended) The monitoring system according to claim 1, wherein, ~~when receiving~~ when stationary or non-stationary state information is received from related to a stationary or nonstationary state transmitted from the a terminal of the plurality of terminals, the central processing device ~~returns~~ transmits a notification reset signal to the terminal which transmitted the stationary or non-stationary state information terminal, and each of the terminals which received the notification reset signal terminal completes the transmission of the stationary or non-stationary state information, ~~when receiving the notification reset signal~~.

Claim 14 (Currently Amended) The monitoring system according to claim 13, wherein, ~~when if~~ if the terminal which transmitted the stationary or non-stationary state information does not terminal can not receive the notification reset signal from the central processing device, then the terminal which transmitted the stationary or non-stationary state information that did not receive the notification reset signal the terminal repeats the transmission of the stationary or non-stationary state information related to the stationary or nonstationary state a predetermined number of times.

Claim 15 (Currently Amended) The monitoring system according to claim 1, wherein, ~~when receiving~~ when a set/cancel command, which is a command for setting or canceling an the alarm operation, is received by a terminal of the plurality of terminals from the central processing device, the terminal of the plurality of terminals which received the set/cancel command terminal shifts to an alarm setting state or an alarm canceling state and transmits a shift confirmation signal to the central processing device, and then the central processing device completes the transmission of the set/cancel command in response to the shift confirmation signal.

Claim 16 (Currently Amended) The monitoring system according to claim 15, wherein: ~~the central processing device further has a storage unit,~~

the central processing repeats, a predetermined number of times, transmission of ~~the set/cancel an alarm setting or alarm canceling~~ command to the terminal of the plurality of terminals which received the set/cancel command ~~a terminal~~ and from which the shift confirmation signal cannot be received[[,]]; and

when ~~there is~~ a terminal from which the shift confirmation signal cannot be received exists after even though the transmission of the set/cancel command is repeated ~~a~~ predetermined number of times, the central processing device stores abnormal information, which is information identifying the that terminal from which the shift confirmation signal cannot be received as an abnormal device, in the storage unit.

Claim 17 (Currently Amended) The monitoring system according to claim 1, wherein ~~the central processing device further has a storage unit~~ of the central processing device ~~that~~ stores information related to ~~a~~ the stationary or non-stationary ~~nonstationary~~ state including an operation history or an alarm history of a terminal of the plurality of terminals.

Claim 18 (Currently Amended) The monitoring system according to claim 1, wherein ~~the central processing device further has a display unit~~ that of the central processing device displays information related to ~~a~~ the stationary or non-stationary ~~nonstationary~~ state.

Claim 19 (Currently Amended) The monitoring system according to claim 18, wherein:

~~at least one~~ a terminal of the plurality of terminals ~~has~~ includes a battery for providing a voltage to the terminal including the battery-driving and includes a voltage detection unit that detects the voltage of the battery and transmits a voltage drop signal to the central processing device when the detected voltage of the battery is equal to or below ~~becomes not more than~~ a predetermined voltage[[,]]; and

the central processing device displays information on the display unit indicating that the battery of the terminal including the battery has run-runs out, when ~~receiving~~ the voltage drop signal is received from the terminal including the battery. ~~at least one of the terminals.~~

Claim 20 (Cancelled)

Claim 21 (Currently Amended) The monitoring system ~~according to claim~~ according to claim 1, wherein the central processing device ~~further has~~ includes a public network connection unit that connects ~~to with at least one~~ a communication device, which is registered in advance, by via an outside line when ~~receiving the non-stationary state~~ information is received ~~of a nonstationary state~~ to notify the communication device that the non-stationary state has occurred. ~~of occurrence of the nonstationary state.~~

Claim 22 (Currently Amended) The monitoring system according to claim 21, wherein:

the central processing device ~~further has~~ includes a voice communication unit that transmits and receives an audio signal from among a microphone, a loudspeaker, and ~~a~~ the communication device[[,]]; and

the central processing device ~~becomes able~~ is operable to communicate with the communication device when a predetermined confirmation signal ~~is returned~~ transmitted from the communication device to the central processing device in response to the notification of the non-stationary state to the communication device.

Claim 23 (Currently Amended) The monitoring system according to claim 22, wherein the central processing device is operable to set or cancel ~~an~~ the alarm operation when ~~receiving~~ a predetermined setting signal is received from the communication device.

Claim 24 (Currently Amended) The monitoring system according to claim 21, wherein:

~~a terminal of at least one of the plurality of terminals has~~ includes a voice communication unit that transmits and receives an audio signal from among a microphone, a loudspeaker, and ~~a the~~ central processing device;[[,]]

the central processing device ~~has~~ includes a voice communication unit that transmits/receives an audio signal to/from the communication device[[,]]; and

the central processing device enables communication between the communication device and the terminal including the voice communication unit via ~~through~~ the central processing device[[,]] when a predetermined confirmation signal is transmitted ~~returned~~ from the communication device to the central processing device in response to the notification of the non-stationary state to the communication device.

Claim 25 (Currently Amended) The monitoring system according to claim 21, wherein, ~~if the central processing device receives~~ non-stationary state information is received by the central processing device of a nonstationary state from ~~the~~ a terminal of the plurality of terminals ~~and, the central processing device~~ transmits the non-stationary state information to the communication device, and ~~when~~ a predetermined confirmation signal is transmitted ~~returned~~ from the communication device to the central processing device, then the central processing device transmits a stop signal, which is a signal for ~~instructing to a stop of a~~ warning, to a terminal of the plurality of terminals which generates the warning.

Claim 26 (Currently Amended) The monitoring system according to claim 25, wherein, ~~when receiving~~ when a predetermined signal for generating or stopping ~~a the~~ warning is received by the central processing device, the central processing device transmits a generate/stop command, which is a command for generating or stopping ~~a the~~ warning, to the terminal which generates the warning.

Claim 27 (Currently Amended) The monitoring system according to claim 21, wherein, when a predetermined confirmation signal is not returned from ~~one~~ the notified communication device ~~notified~~ within a predetermined period, the central processing device selects, in a sequential and circular manner, ~~sequentially and circularly the other~~

another communication device of a plurality of communication devices registered in advance and notifies ~~to the another other~~ communication device if a non-stationary state occurs. ~~by the same procedure.~~

Claim 28 (Currently Amended) The monitoring system according to claim 27, wherein, when the predetermined confirmation signal is not returned to the central processing device ~~cannot confirm the communication even though~~ after the central processing device has circulated through each communication device of the plurality of communication devices ~~circulates~~ a predetermined number of times ~~the communication devices registered in advance~~, the central processing device stores confirmation information, which is information indicating ~~representing~~ that the communication cannot be confirmed, ~~to~~ in the storage unit as a history and displays the confirmation information on the display unit.

Claim 29 (Currently Amended) The monitoring system according to claim 1, wherein the central processing device ~~further has~~ includes an internet connection unit that connects to a center server ~~through an~~ via the internet ~~by using~~ bidirectional communication.

Claim 30 (Currently Amended) The monitoring system according to claim 29, wherein the central processing device transmits, to the center server, predetermined history information including a warning history.

Claim 31 (Currently Amended) The monitoring system according to claim 29, wherein ~~a WEB~~ internet pages, from ~~on~~ which an alarm setting state and an alarm canceling state of the central processing device can be confirmed, ~~is~~ are structured in the center server.

Claim 32 (Currently Amended) The monitoring system according to claim 29, wherein ~~a WEB~~ internet pages, from ~~on~~ which ~~alarm~~ setting and canceling of the alarm

~~operation alarm cancellation~~ of the central processing device can be performed, ~~is are~~ structured in the center server.

Claim 33 (Currently Amended) The monitoring system according to claim 32, wherein, ~~when if the~~ a door-lock check is abnormal ~~during the in execution of an alarm~~ setting of the alarm operation of the central processing device ~~via the internet pages on a~~ WEB, the center server displays a failure of a setting on the ~~WEB~~ internet pages.

Claim 34 (Currently Amended) The monitoring system according to claim 1, wherein the central processing device ~~has~~ includes an external output terminal to which an external device can be connected.

Claim 35 (Currently Amended) The monitoring system according to claim 1, wherein the ~~central processing device has a~~ storage unit of the central processing device ~~that~~ stores a predetermined personal identification number required when ~~an~~ the alarm operation is set or canceled.

Claim 36 (Currently Amended) The monitoring system according to claim 4, wherein:

the central processing device includes ~~further has~~ an operation unit ~~that is used~~ for setting or canceling ~~an~~ the alarm operation[[,]]; and

the central processing device transmits a setting command, which is a command for setting the alarm operation, ~~to the~~ a terminal of the plurality of terminals when a predetermined time elapses after the operation unit sets the ~~an~~ alarm operation, ~~setting is~~ input by the operation unit.

Claim 37 (Currently Amended) The monitoring system according to claim 4, wherein ~~at least one~~ a terminal of the plurality of terminals ~~has~~ includes a storage unit that stores delay time information, which is ~~the delay time~~ information used for delaying the generation of a the warning ~~by~~ via the warning unit ~~by~~ for a predetermined period of time after the non-stationary state ~~a nonstationary state~~ occurs.

Claim 38 (Currently Amended) The monitoring system according to claim 37, wherein the warning unit generates a normal warning after a preliminary warning is generated if the non-stationary state occurs. ~~in occurrence of a nonstationary state.~~

Claim 39 (Currently Amended) The monitoring system according to claim 38, wherein the ~~terminal has a~~ storage unit of the terminal including the storage unit is operable to store at least one of a notification time, a sound volume, and a sound type, related to at least one of the normal warning and the preliminary warning.

Claim 40 (Currently Amended) The monitoring system according to claim 39, wherein at least one of the notification time, the sound volume, and the sound type related to at least one of the normal warning and the preliminary warning and stored in the storage unit ~~terminal~~ is instructed by the central processing device.